## STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES  AMENDED REPORT  DIVISION OF OIL, GAS AND MINING															
APPLICATION FOR PERMIT TO DRILL										1. WELL NAME and NUMBER NBU 921-20B1BS					
2. TYPE OF WORK  DRILL NEW WELL REENTER P&A WELL DEEPEN WELL										3. FIELD OR WILDCAT NATURAL BUTTES					
4. TYPE OF WELL  Gas Well Coalbed Methane Well: NO										5. UNIT or COMMUNITIZATION AGREEMENT NAME NATURAL BUTTES					
6. NAME OF OPERATOR  KERR-MCGEE OIL & GAS ONSHORE, L.P.										7. OPERATOR PHONE 720 929-6515					
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217										9. OPERATOR E-MAIL julie.jacobson@anadarko.com					
	AL LEASE NUM		11. MII	1. MINERAL OWNERSHIP				12. SURFACE OWNERSHIP							
(FEDERAL, INDIAN, OR STATE) UTU0575 FEDERAL INDIAN STATE FE										FEDERAL INDIAN STATE FEE  14. SURFACE OWNER PHONE (if box 12 = 'fee')					
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')										16. SURFACE OWNER E-MAIL (if box 12 = 'fee')					
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')					18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS					19. SLANT					
		Ute Tribe		YES (Submit Commingling Application) NO					ио 🔵	VERTICAL DIRECTIONAL HORIZONTAL					
20. LOCATION OF WELL					OOTAGES		QTR-QTR		SECTION	ECTION TOWNSHIP		RANGE ME		RIDIAN	
LOCATIO	N AT SURFACE	FNL 2238 FEL		NWNE			20	9.0 S	21.0 E		s				
Top of Uppermost Producing Zone 248				FNL 1808	NL 1808 FEL		NWNE		20	9.0 S	21	21.0 E		s	
At Total Depth 248					NL 1808 FEL		NWNE		20	9.0 S	21.0 E		S		
21. COUN	TY	UINTAH		22. DIS	2. DISTANCE TO NEAREST LEASE LINE (Feet) 1808					23. NUMBER OF ACRE	S IN DRIL		Т		
25. DISTANCE TO NEARES (Applied For Drilling or C										<b>26. PROPOSED DEPTH</b> MD: 11491 TVD: 11422					
27. ELEVATION - GROUND LEVEL 4874					28. BOND NUMBER  WYB000291					29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8496					
Hole, Casing, and Cement Information															
String	Hole Size	Casing Size	Length	Weight	eight Grade & T		hread Max Mud		t. Cement			Sacks	Yield	Weight	
Surf	11	8.625	0 - 2960	28.0	28.0 J-55 LT		Γ&C 0.		_	Type V Class G		180 270	1.15	15.8	
Prod	7.875	4.5	0 - 11491	11.6	HCP-110	LT&C	12	.5	Pre	mium Lite High Strength		360	3.38	12.0	
										50/50 Poz		1630	1.31	14.3	
					A	TTACH	IMENTS								
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES															
WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER								COMPLETE DRILLING PLAN							
AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)								FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER							
<b>I</b> ✓ DIF	RECTIONAL SU	RVEY PLAN (IF DIR	ECTIONALLY OR	TOPOGRAPHICAL MAP											
NAME Danielle Piernot TITLE Regulatory Analyst							PHONE 720 929-6156								
SIGNATU	RE		DATE 1	DATE 11/27/2012				EMAIL danielle.piernot@anadarko.com							
API NUMBER ASSIGNED 43047533410000					APPROVAL Perm					DANNI it Manager					
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